

2 inch wound on forehead

3 inch wound on top of shoulder

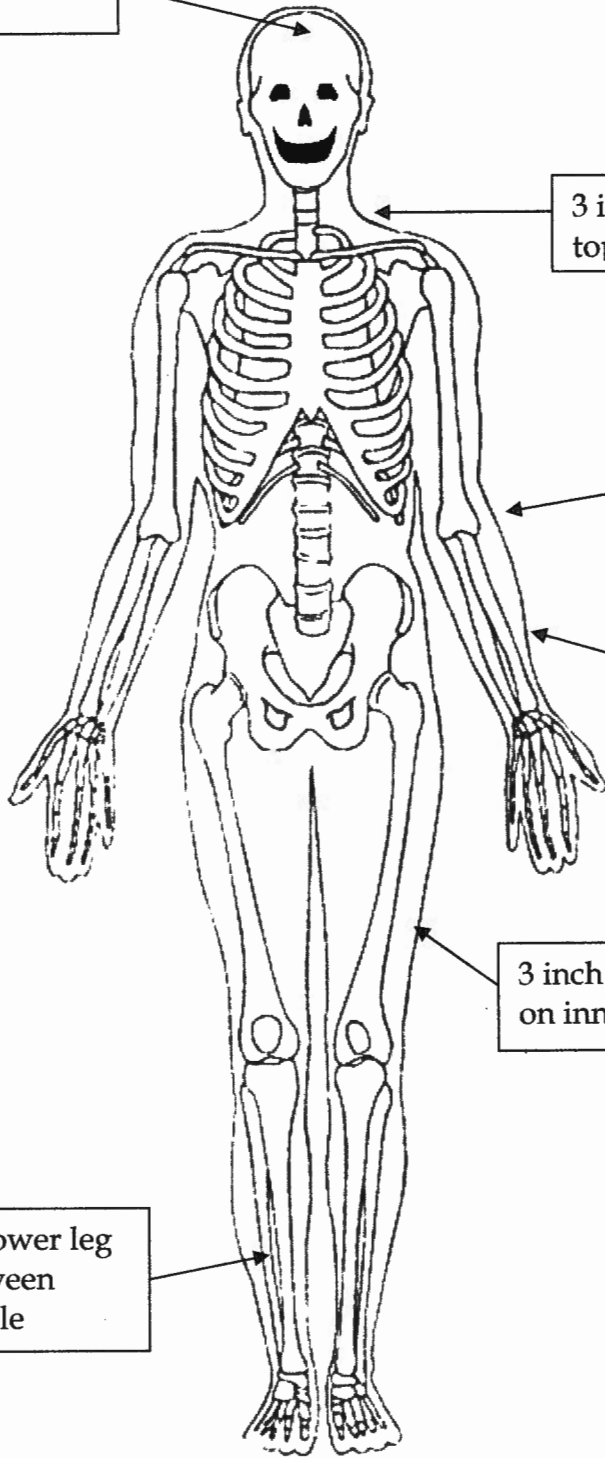
Dislocated elbow in flexed position

4 inch laceration traversing down the front of forearm

3 inch wound on inner thigh

Fracture of lower leg midway between knee and ankle

2 inch wound on forehead



3 inch wound on top of shoulder

Dislocated Elbow in flexed position

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Fracture of lower leg midway between knee and ankle

2015 Post 11 Problem

You and your partner are working on a repair job on the first floor of the prep plant when hear someone yell for help. When you go to investigate, you see the Robert James, supply clerk kneeling beside Jim Wilson, prep plant foreman. Robert James tells you that he observed Wilson fall from a ladder he was using to check a leak in a water line approximately 10 feet above the floor. Wilson is lying on his back, unconscious and breathing.

There is no spinal injury and no life threatening bleeding. Treat all injuries and prepare for transport.

INITIAL ASSESSMENT

PROCEDURES		CRITICAL SKILL
1. SCENE SIZE UP	<input type="checkbox"/> <input type="checkbox"/>	*A. Observe area to ensure safety *B. Call for help
2. MECHANISM OF INJURY	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Determine causes of injury, if possible *B. Triage: Immediate, Delayed, Minor or Deceased. *C. Ask patient (if conscious) what happened
3. INITIAL ASSESSMENT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Verbalize general impression of the patient(s) *B. Determine responsiveness/level of consciousness (AVPU) Alert, Verbal, Painful, Unresponsive *C. Determine chief complaint/apparent life threat
4. ASSESS AIRWAY AND BREATHING	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Correctly execute head-tilt/chin-lift or jaw thrust maneuver, depending on the presence of cervical spine (neck) injuries B. Look for absence of breathing (no chest rise and fall) or gasping, which are not considered adequate (within 10 seconds) C. If present, treat sucking chest wound
5. ASSESS FOR CIRCULATION	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Check for presence of a carotid pulse (5-10 seconds) B. If present, control life threatening bleeding C. Start treatment for all other life threatening injuries/conditions (reference Rule 2).

IMMEDIATE: Rapid Patient Assessment treating all life threats Load and Go. If the treatment interrupts the rapid trauma assessment, the assessment will be completed at the end of the treatment.

DELAYED: Detailed Patient Assessment treating all injuries and conditions and prepare for transport.

MINOR: (Can walk) Detailed Patient Assessment treating all injuries and conditions and prepare for transport. After all IMMEDIATE and DELAYED patient(s) have been treated and transported.

DECEASED: Cover

NOTE: Each critical skill identified with an asterisk (*) shall be clearly verbalized by the team as it is being conducted. After initially stating what DOTS stands for, the team may simply state "DOTS" when making their checks.

- Teams may use the acronym "CSM" when checking circulation, sensation, and motor function.

PATIENT ASSESSMENT

PROCEDURES			CRITICAL SKILL
1. HEAD	<input type="checkbox"/>	<input type="checkbox"/>	*A. Check head for DOTS: Deformities, Open wounds, Tenderness and Swelling *B. Check and touch the scalp *C. Check the face *D. Check the ears for bleeding or clear fluids *E. Check the eyes for any discoloration, unequal pupils, reaction to light, foreign objects and bleeding *F. Check the nose for any bleeding or drainage *G. Check the mouth for loose or broken teeth, foreign objects, swelling or injury of tongue, unusual breath odor and discoloration
2. NECK	<input type="checkbox"/>	<input type="checkbox"/>	*A. Check the neck for DOTS *B. Inspect for medical ID
3. CHEST	<input type="checkbox"/>	<input type="checkbox"/>	*A. Check chest area for DOTS *B. Feel chest for equal breathing movement on both sides *C. Feel chest for inward movement in the rib areas during inhalations
4. ABDOMEN	<input type="checkbox"/>		*A. Check abdomen (stomach) for DOTS
5. PELVIS	<input type="checkbox"/>	<input type="checkbox"/>	*A. Check pelvis for DOTS *B. Inspect pelvis for injury by touch (Visually inspect and verbally state inspection of crotch and buttocks areas)
6. LEGS	L <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	R <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Check each leg for DOTS B. Inspect legs for injury by touch C. Unresponsive: Check legs for paralysis (pinch inner side of leg on calf) *D. Responsive: Check legs for motion; places hand on bottom of each foot and states "Can you push against my hand?" *E. Check for medical ID bracelet

7. ARMS	L <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	R <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>*A. Check each arm for DOTS</p> <p>B. Inspect arms for injury by touch</p> <p>C. Unresponsive: Check arms for paralysis (pinch inner side of wrist)</p> <p>*D. Responsive: Check arms for motion (in a conscious patient; team places fingers in each hand of patient and states "Can you squeeze my fingers?")</p> <p>*E. Check for medical ID bracelet</p>
8. BACK SURFACES	<input type="checkbox"/>		<p>*A. Check back for DOTS</p>

2 INCH WOUND ON FOREHEAD

DRESSINGS AND BANDAGING - OPEN WOUNDS

PROCEDURES		CRITICAL SKILL
1. EMERGENCY CARE FOR AN OPEN WOUND	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Control Bleeding *B. Prevent Further Contamination *C. Bandage dressing in place after bleeding has been controlled *D. Keep patient lying still
2. APPLY DRESSING	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Use sterile dressing B. Cover entire wound C. Control bleeding D. Do not remove dressing
3. APPLY BANDAGE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Do not bandage too tightly B. Do not bandage too loosely C. Do not leave loose ends D. Cover all edges of dressing E. Do not cover tips of fingers and toes, unless they are injured F. Bandage from the bottom of the limb to the top (distal to proximal) if applicable

Continue Patient Assessment

3 INCH WOUND ON SHOULDER

DRESSINGS AND BANDAGING - OPEN WOUNDS

PROCEDURES	CRITICAL SKILL
1. EMERGENCY CARE FOR AN OPEN WOUND	<input type="checkbox"/> <input type="checkbox"/> *A. Control Bleeding <input type="checkbox"/> *B. Prevent Further Contamination <input type="checkbox"/> *C. Bandage dressing in place after bleeding has been controlled <input type="checkbox"/> *D. Keep patient lying still
2. APPLY DRESSING	<input type="checkbox"/> A. Use sterile dressing <input type="checkbox"/> B. Cover entire wound <input type="checkbox"/> C. Control bleeding <input type="checkbox"/> D. Do not remove dressing
3. APPLY BANDAGE	<input type="checkbox"/> A. Do not bandage too tightly <input type="checkbox"/> B. Do not bandage too loosely <input type="checkbox"/> C. Do not leave loose ends <input type="checkbox"/> D. Cover all edges of dressing <input type="checkbox"/> E. Do not cover tips of fingers and toes, unless they are injured <input type="checkbox"/> F. Bandage from the bottom of the limb to the top (distal to proximal) if applicable

Continue Patient Assessment

3 Inch Wound on Inner Thigh

DRESSINGS AND BANDAGING - OPEN WOUNDS

PROCEDURES		CRITICAL SKILL
1. EMERGENCY CARE FOR AN OPEN WOUND	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Control bleeding *B. Prevent further contamination *C. Bandage dressing in place after bleeding has been controlled *D. Keep patient lying still
2. APPLY DRESSING	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Use sterile dressing B. Cover entire wound C. Control bleeding D. Do not remove dressing
3. APPLY BANDAGE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Do not bandage too tightly B. Do not bandage too loosely C. Do not leave loose ends D. Cover all edges of dressing E. Do not cover tips of fingers and toes, unless they are injured F. Bandage from the bottom of the limb to the top (distal to proximal) if applicable

NOTE: Each critical skill identified with an asterisk (*) shall be clearly verbalized by the team as it is being conducted. After initially stating what DOTS stands for, the team may simply state "DOTS" when making their checks.

Continue Patient Assessment

Fracture of Right Lower Leg

SPLINTING (RIGID OR SOFT) PELVIC GIRDLE, THIGH, KNEE, AND LOWER LEG

PROCEDURE	CRITICAL SKILL
1. DETERMINE NEED FOR SPLINTING	<input type="checkbox"/> *A. Assess for: <ul style="list-style-type: none"> ▪ Pain ▪ Swelling ▪ Deformity <input type="checkbox"/> B. Determine if splinting is warranted
2. APPLY MANUAL STABILIZATION	<input type="checkbox"/> A. Support affected limb and limit movement <ul style="list-style-type: none"> ▪ Do not attempt to reduce dislocations
3. SELECT APPROPRIATE SPLINT	<input type="checkbox"/> A. Select appropriate splinting method depending on position of extremity and materials available <input type="checkbox"/> B. Select appropriate padding material
4. PREPARE FOR SPLINTING	<input type="checkbox"/> A. Remove or cut away clothing as needed <input type="checkbox"/> *B. Assess PMS distal to the injury: <ul style="list-style-type: none"> ▪ Pulse ▪ Motor Function ▪ Sensory Function <input type="checkbox"/> C. Cover any open wounds with sterile dressing and bandage <input type="checkbox"/> D. Measure splint <input type="checkbox"/> E. Pad around splint for patient comfort

Continue Patient Assessment

5. SPLINT	<ul style="list-style-type: none"> <input type="checkbox"/> A. Maintain support while splinting Living Splint: <ul style="list-style-type: none"> <input type="checkbox"/> A. Immobilize the site of the injury <input type="checkbox"/> B. Carefully place a pillow or folded blanket between the patients knees/legs <input type="checkbox"/> C. Bind the legs together with wide straps or cravats <input type="checkbox"/> D. Carefully place patient on long spine board <input type="checkbox"/> E. Secure the patient to the long spine board Padded Board Splint: <ul style="list-style-type: none"> <input type="checkbox"/> A. Splint with two long padded splinting boards (one should be long enough to extend from the patient's armpit to beyond the foot. The other should extend from the groin to beyond the foot.) (Lower leg requires boards to extend from knee to below the foot.) <input type="checkbox"/> B. Cushion with padding in the armpit and groin and all voids created at the ankle and knee <input type="checkbox"/> C. Secure the splinting boards with straps and cravats <input type="checkbox"/> D. Carefully place the patient on long spine board <input type="checkbox"/> E. Secure the patient to the long spine board Other Splints: <ul style="list-style-type: none"> <input type="checkbox"/> A. Immobilize the site of the injury <input type="checkbox"/> B. Pad as needed <input type="checkbox"/> C. Secure to splint distal to proximal <input type="checkbox"/> D. Carefully place patient on long spine board <input type="checkbox"/> E. Secure the patient to the long spine board
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NOTE: Each critical skill identified with an asterisk (*) shall be clearly verbalized by the team as it is being conducted. After initially stating what DOTS stands for, the team may simply state "DOTS" when making their checks.

- Teams may use the acronym "PMS" when checking pulse, motor function and sensory function

Dislocated Elbow in Flexed Position

SPLINTING (RIGID) UPPER EXTREMITY FRACTURES AND DISLOCATIONS

PROCEDURES	CRITICAL SKILL
1. CARE FOR FRACTURE	<input type="checkbox"/> *A. Check for distal circulation, sensation, and motor function <ul style="list-style-type: none"> ▪ Do not attempt to reduce dislocations (if applies)
2. IMMOBILIZING FRACTURE	<input type="checkbox"/> A. Selection of appropriate rigid splint of proper length <input type="checkbox"/> B. Support affected limb and limit movement <input type="checkbox"/> C. Apply appropriate padded rigid splint against injured extremity <input type="checkbox"/> D. Place appropriate roller bandage in hand to ensure the position of function <input type="checkbox"/> E. Secure splint to patient with roller bandage, handkerchiefs, cravats, or cloth strips <input type="checkbox"/> F. Apply wrap distal to proximal <input type="checkbox"/> *G. Recheck distal circulation, sensation, and motor function
3. SECURING WITH SLING	<input type="checkbox"/> A. Place sling over chest and under arm <input type="checkbox"/> B. Hold or stabilize arm <input type="checkbox"/> C. Triangle should extend behind elbow or injured side <input type="checkbox"/> D. Pull sling around neck and tie on uninjured side <input type="checkbox"/> E. Pad at the neck (except when C-Collar is present) <input type="checkbox"/> F. Secure excess material at elbow <input type="checkbox"/> G. Fingertips should be exposed <input type="checkbox"/> *H. Reassess distal circulation, sensation, and motor function.
4. SECURING SLING WITH SWATHE	<input type="checkbox"/> A. Use triangle cravat or factory swathe <input type="checkbox"/> B. Swathe is tied around chest and injured arm <input type="checkbox"/> *C. Reassess distal circulation, sensation, and motor function

NOTE: Do not reposition dislocations

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- Teams may use the acronym "PMS" when checking pulse, motor function and sensory function

CONTINUE PATIENT EVALUATION

4 INCH LACERATION TRAVERSING DOWN FRONT OF FOREARM

DRESSINGS AND BANDAGING - OPEN WOUNDS

PROCEDURES		CRITICAL SKILL
1. EMERGENCY CARE FOR AN OPEN WOUND	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	*A. Control Bleeding *B. Prevent Further Contamination *C. Bandage dressing in place after bleeding has been controlled *D. Keep patient lying still
2. APPLY DRESSING	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Use sterile dressing B. Cover entire wound C. Control bleeding D. Do not remove dressing
3. APPLY BANDAGE	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. Do not bandage too tightly B. Do not bandage too loosely C. Do not leave loose ends D. Cover all edges of dressing E. Do not cover tips of fingers and toes, unless they are injured F. Bandage from the bottom of the limb to the top (distal to proximal) if applicable

Continue Patient Assessment

TWO-PERSON LOG ROLL

PROCEDURES	CRITICAL SKILL	
1. STABILIZE HEAD	<input type="checkbox"/>	*A. Stabilize the head and neck
2. PREPARING THE PATIENT	<input type="checkbox"/> <input type="checkbox"/>	A. When placing patient on board place board parallel to the patient B. Kneel at the patient's shoulders opposite the board (if used) leaving room to roll the patient toward knees Raise the patient's arm, if not injured (the one closer to the rescuer) above the patient's head
3. PREPARING THE RESCUER	<input type="checkbox"/> <input type="checkbox"/>	A. Grasp the patient at the shoulder and pelvis area B. Give instructions to bystander, if used to support
4. ROLLING THE PATIENT	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. While stabilizing the head, roll the patient toward the rescuer by pulling steadily and evenly at the shoulder and pelvis areas B. The head and neck should remain on the same plane as the torso C. Maintain stability by holding patient with one hand and placing board (if used) with other D. Roll the body as a unit onto the board (if used) (board may be slanted or flat) E. Place the arm alongside the body

IMMOBILIZATION - LONG SPINE BOARD (Backboard)

PROCEDURES	CRITICAL SKILL
1. MOVE THE PATIENT ONTO THE LONG SPINE BOARD	<input type="checkbox"/> A. One First Aid Provider at the head must maintain in-line immobilization of the head and spine <input type="checkbox"/> B. First Aid Provider at the head directs the movement of the patient <input type="checkbox"/> C. Other First Aid Provider control movement of the rest of body <input type="checkbox"/> D. Other First Aid Provider position themselves on same side <input type="checkbox"/> E. Upon command of First Aid Provider at the head, roll patient onto side toward First Aid Providers <input type="checkbox"/> F. Quickly assess posterior body, if not already done <input type="checkbox"/> G. Place long spine board next to the patient with top of board beyond top of head <input type="checkbox"/> H. Place patient onto the board at command of the First Aid Provider at head while holding in-line immobilization using methods to limit spinal movement <input type="checkbox"/> I. Slide patient into proper position using smooth coordinated moves keeping spine in alignment
2. PAD VOIDS BETWEEN PATIENT AND LONG SPINE BOARD	<input type="checkbox"/> A. Select and use appropriate padding <input type="checkbox"/> B. Place padding as needed under the head <input type="checkbox"/> C. Place padding as needed under torso
3. IMMOBILIZE BODY TO THE LONG SPINE BOARD	<input type="checkbox"/> A. Strap and secure body to board ensuring spinal immobilization, beginning at shoulder and working toward feet
4. IMMOBILIZE HEAD TO THE LONG SPINE BOARD	<input type="checkbox"/> A. Using head set or place rolled towels on each side of head <input type="checkbox"/> B. Tape and/or strap head securely to board, ensuring cervical spine immobilization
5. REASSESS	<input type="checkbox"/> *A. Reassess distal circulation, sensation, and motor function <input type="checkbox"/> *B. Assess patient response and level of comfort

SHOCK

PROCEDURES	CRITICAL SKILL
1. CHECK FOR SIGNS AND SYMPTOMS OF SHOCK	<input type="checkbox"/> *A. Check for pale (or bluish) skin (in victim with dark skin examine inside of mouth and nailbeds for bluish coloration. <input type="checkbox"/> *B. Check for cool, clammy skin <input type="checkbox"/> *C. Check for weakness
2. TREATMENT	<input type="checkbox"/> A. Keep victim lying down <input type="checkbox"/> B. Cover with blanket to prevent loss of body heat and place a blanket under the patient. (Do not try to place blanket under patient with possible spinal injuries) <input type="checkbox"/> C. Elevate according to injury <input type="checkbox"/> *D. Reassure and calm the patient

Option 1: Elevate the lower extremities or foot end of the back board. This procedure is performed in most cases. Place the patient flat, face up and elevate the legs or foot end of the back board 8 to 12 inches. Do not elevate any limbs with possible fractures or pelvic injuries until they have been properly splinted. Remember to consider the mechanism of injury for every patient.

Option 2: Lay the patient flat, face up. This is the supine position, used for patients with a spinal injury and patients who have serious injuries to the extremities that have not been supported. If the patient is placed in this position, you must constantly be prepared for vomiting.

Option 3: Slightly raise the head and shoulders. This position should be used only for responsive patients with no spinal injuries, life threatening chest or abdominal injuries and only for patients having difficulty breathing, but who have an open airway. A semi-seated position can also be used for patients with a history of heart problems. It is not recommended for moderate to severe cases of shock. Be certain to keep the patient's head from tilting forward.

Note: Injuries requiring the injured side to be tilted or placed down may be done after patient has been properly secured to a back board if a back board is required.